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Sheet 1 of 4

Form 1449*	Atty. Docket No.: 900.174US1	Serial No. 09/781,638
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Suraj C. Kothari et al.	
	Filing Date: February 12, 2001	Group: 21312/22

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CD	5,347,639	09/13/1994	Rechtschaffen et al.	395	375	07/15/91
CD	5,412,784	05/02/1995	Rechtschaffen et al.	395	375	07/15/91
CD	5,857,180	01/05/1999	Hallmark et al.	707	2	07/21/97

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
CD	Abramson, D., et al., "Relative Debugging and its Application to the Development of Large Numerical Models", <u>Association for Computing Machinery, Inc. (ACM)</u> , Copyright by ACM, pp. 1-12, (1995)
CD	Abramson, D., et al., "Relative Debugging: A New Methodology for Debugging Scientific Applications", <u>Communications of the ACM</u> , 39 (11), pp. 69-77, (Nov. 1996)
CD	Ahmad, I., et al., "Automatic Parallelization and Scheduling of Programs on Multiprocessors using CASCH", <u>IEEE Publication</u> , No. 0190-3918/97, pp. 288-291, (1997)
CD	Ahmed, S., et al., "The Linda Program Builder", <u>Proceedings of the 3rd Workshop on Languages and Compilers for Parallelism</u> , MIT Press, pp. 1-18, (1991)
CD	Anderson, J.M., et al., "Global Optimizations for Parallelism and Locality on Scalable Parallel Machines", <u>ACM SIGPLAN Notices</u> , 28 (6), pp. 112-125, (June 1993)
CD	Anthes, R.A., et al., "Development of Hydrodynamic Models Suitable for Air Pollution and Other Mesometeorological Studies", <u>Monthly Weather Review</u> , 106 (8), pp. 1045-1078, (Aug. 1978)
CD	Banatre, J., et al., "The Gamma Model and Its Discipline of Programming", <u>Science of Computer Programming</u> , 15, pp. 55-77, (Nov. 1990)
CD	Banerjee, U., et al., "Automatic Program Parallelization", <u>Proceedings of the IEEE</u> , 81, pp. 211-243, (Feb. 1993)
CD	Beletsky, V., et al., "A Package for Automatic Parallelization of Serial C-Programs for Distributed Systems", <u>IEEE Publication</u> , No. 0-8186-7177, pp. 184-188, (July 1995)

Examiner <u>Charles C. Dun</u>	Date Considered <u>2/24/01</u>
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Sheet 2 of 4

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Suraj C. Kothari et al.	
	Filing Date: February 12, 2001	Group: 2131/2122

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner
Initial

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AUG 21 2001
Technology Center 2100

CD	Bodin, F., et al., "Sage ++: An Object-Oriented Toolkit and Class Library for Building Fortran and C++ Restructuring Tools", <u>Technical Report, Department of Computer Science, Indiana University</u> , pp. 1-16, (1993)
CD	Bowdidge, R.W., et al., "Supporting the Restructuring of Data Abstractions through Manipulation of a Program Visualization", <u>ACM Transactions on Software Engineering and Methodology</u> , 7 (2), pp. 109-157, (April 1998)
CD	Cheng, D.Y., "A Survey of Parallel Programing Tools", <u>Technical Report RND-91-005</u> , NASA Ames Research Center, Moffet Field, CA, pp. 1-70, (1993)
CD	Derra, S., "Breaking the Code", <u>Inside Iowa State</u> , 2 p., (March 21, 1997)
CD	Di Martino, B., et al., "Towards Automated Code Parallelization through Program Comprehension", <u>IEEE Publication</u> , No. 0-8186-5647, pp. 108-115, (June 1994)
CD	Dongorra, J.J., et al., "Environments and Tools for Parallel Scientific Computing", <u>Advances in Parallel Computing</u> , 6, Table of Contents Only, pp. I-XVI, (1993)
CD	Ernst, M.D., et al., "Slicing pointers and procedures (abstract)", <u>Microsoft Research Technical Report MSR-TR-95-23</u> , Microsoft Research, Redmond, WA, pp. 1-16, (1995)
CD	Friedman, R., et al., "Fortran Parallelization Handbook", <u>Preliminary Edition, Applied Parallel Research</u> , Sacramento, CA, pp. 1-86, (April 1995)
CD	Goldberg, A., et al., "Specification and Development of Parallel Algorithms with the Proteus System", <u>DIMACS</u> , 18, pp. 383-399, (May 1994)
CD	Hiranandani, S., et al., "The D Editor: A New Interactive Parallel Programming Tool", <u>Proceedings of Supercomputing Conference</u> , Washington, D.C., pp. 733-742, (Nov. 1994)
CD	Huelsbergen, L., et al., "Dynamic Program Parallelization", <u>ACM Publication</u> , No. 0-89791-483, pp. 311-323, (1992)
CD	Jackson, D., et al., "Abstraction Mechanisms for Pictorial Slicing", <u>IEEE Publication</u> , pp. 82-88, (1994)
CD	Kessler, C.W., et al., "Pattern-Driven Automatic Program Transformation and Parallelization", <u>IEEE Publication</u> , No. 1066-6192, pp. 76-83, (1995)

Examiner

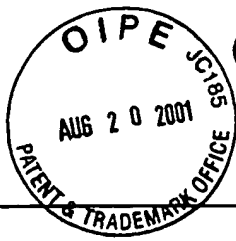
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Form 1449*

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Serial No. 09/781,638

INFORMATION DISCLOSURE STATEMENT
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Applicant: Suraj C. Kothari et al.

Filing Date: February 12, 2001

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OTHER DOCUMENTS

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**Examiner
InitialRECEIVED
AUG 24 2001
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AUG 21 2001
Technology Center 2100

CS	Kothari, S.C., et al., "1998 Progress Report: Parallelization Agent for Legacy Codes in Environmental Modeling", <u>National Center for Environmental Research and Quality Assurance</u> http://es.epa.gov/ncerqa/progress/kothari98.html , 1-3 p., (1998)
CD	Kothari, S.C., et al., "Optimal Designs of Linear Flow Systolic Architectures", <u>Proceedings of the International Conference on Parallel Processing, Vol. I Architecture</u> , Pennsylvania State University Press, University Park, Pennsylvania, pp. 247-256, (Aug. 8-12, 1989)
CD	Kothari, S.C., et al., "Parallelization Agent for Atmospheric Models", <u>Proceedings of the Symposium on Regional Weather Prediction on Parallel Computer Environments</u> , SKIRON, University of Athens, Greece, 1-10 p., (Oct. 1997)
CD	Kothari, S.C., et al., "Parallelization Agent for Legacy Codes in Environmental Modeling", <u>Application for Federal Assistance</u> , 33 p., (March 13, 1996)
CD	Li, J., et al., "The Data Alignment Phase in Compiling Programs for Distributed-Memory Machines", <u>Journal of Parallel and Distributed Computing</u> , 13 (2), pp. 213-221, (Oct. 1991)
R CD	Massingill, B., "Mesh Computations", <u>Tech Report, CalTech Technical Report</u> , pp. 1-35, (1995)
CD	Messina, P., et al., "System Software and Tools for High Performance Computing Environments", <u>A Society for Industrial and Applied Mathematics Publication</u> , Philadelphia, Table of Contents Only, pp. 1-9, (1993)
CD	Mitra, S., "A Class-based Approach to Parallelization of Legacy Codes", <u>Iowa State University Dissertation</u> , Ames, IA, 1-50 p., (1997)
CD	Ning, J.Q., et al., "Automated Support for Legacy Code Understanding", <u>Communications of the ACM</u> , 37 (5), pp. 50-57, (May 1994)
CD	Reps, T., et al., "Precise Interprocedural Choppin", <u>Proc. of the 3rd ACM Symp. on Foundations of Software Engineering</u> , Washington, D.C., 12 p., (Oct. 1995)
CD	Reps, T., et al., "Speeding up Slicing", <u>Proc. of the 2nd ACM SIGSOFT Symp. on Foundations of Software Engineering</u> , New Orleans, LA, pp. 11-20, (Dec. 1994)
CD	Skillicorn, D.B., "Architecture-Independent Parallel Computation", <u>IEEE Computer Society</u> , 28, pp. 38-51, (Dec. 1990)

Examiner

Charlie C. Durr

Date Considered

2/20/01

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**Examiner
Initial

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AUG 24 2001
TC 1700
AUG 21 2001
Technology Center 2100

CD	Snyder, L., "A Practical Parallel Programming Model", <u>DIMACS</u> , 18, pp. 143-160, (May 1994)
CD	Valiant, L.G., "A Bridging Model for Parallel Computation", <u>Communications of the ACM</u> , 33 (8), pp. 103-111, (Aug. 1990)
CD	Watts, T.M., et al., "Techniques for Integrating Parallelizing Transformations and Compiler Based Scheduling Methods", <u>IEEE Publication</u> , No. 1063-9535, pp. 830-839, (1992)
CD	Williams, R.D., "DIME: A Programming Environment for Unstructured Triangular Meshes on a Distributed-Memory Parallel Processor", <u>The Third Conference on Hypercube Concurrent Computers and Applications</u> , Vol. II, pp. 1770-1787, (Jan. 1988)
CD	Yang, J.A., et al., "Parallel-Program Transformation Using a Metalanguage", <u>ACM Publication</u> , No. 0-897910-390-6, pp. 11-20, (June 1991)

Examiner <i>Charles C. Don</i>	Date Considered <i>2/24/01</i>
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